



NAME OF WORK : ANNUAL CONTRACT FOR CLEANING OF U G SUMP , STP AND OVERHEAD WATER TANKS AT IISER PUNE

भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान, पुणे
INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH PUNE

(An Autonomous Institution, Ministry of Human Resource Development, Govt. of India)

IISER Pune Campus, Dr. Homi Bhabha Road, Pune-411 008.

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No: 54(2) /IISER/Pune/2019-20/

Dated 05/07/2019

NOTICE INVITING QUOTATION

Sealed quotations are hereby invited by the undersigned on behalf of the Director, IISER Pune for the work mentioned below up to 3.00 PM on 18/07/2019 from approved and eligible contractors registered with CPWD, Maharashtra State PWD, Railways, MES in appropriate category of Civil/Composite category or Water Tank Cleaning expert agencies for the work mentioned below. The quotations will be opened at 3.30 PM on the same day.

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Issue to –

Name and address of the agency –

EXECUTIVE ENGINEER

Terms and Conditions:

- 1) The applicant should be approved and eligible contractors registered with CPWD, Maharashtra State PWD, Railways, MES in appropriate category (any one) of Civil/Composite Category or Water Tank Cleaning expert agencies with similar experience of cleaning cycle at one client department . Applicant should submit attested or notarized copies of the Valid Registration Certificate or Experience Certificate along with the quotation. Bidders not meeting the minimum eligibility criteria shall be summarily rejected.
- 2) Time period for completion of work shall be 1 (One) Year from the date of placing the work order by IISER Pune. The act of backing-out after opening of quotation will debar such agencies for participating in the future quotations of IISER PUNE. Bidder may e-mail queries on maintenance@iiserpune.ac.in or submit to IISER PUNE office in hard copy on all working days one day before submission date of quotation as specified above.
- 3) Notice Inviting Quotation (NIQ) document may be obtained from IISER PUNE at 121, Engineering Section , Main Building, IISER PUNE Campus, Dr.Homi Bhabha Road, Pashan, Pune-411008 between 10 AM to 4 PM on all working days before date of submission. Applicant may submit quotation by obtaining NIQ document from IISER PUNE website at <http://www.iiserpune.ac.in/links/tender-notices-and-eoi>
- 4) All agencies need to submit their quotation in hard copy in a sealed envelope containing two separate envelopes one containing qualification documents and experience certificates etc and second envelope containing stamped , signed and quoted NIQ document to IISER PUNE office by suitable means on and before 3 PM on 18/7/2019. Quotation received after the date & time specified above shall not be accepted. Any delays , postal delay etc. will not be entertained. Agency should quote for all the items in the in the BOQ . Rates quoted in words shall be treated as Final for deciding L1 bidder. The bid shall be

Sign & stamp of Agency-

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submitted in the original bid document (as issued by the IISER, Pune or Webcopy) super scribing the name of work. Quoted rates shall be valid for 60 days from the date of opening of quotations. Rates shall be quoted in hand writing at the spaces provided in NIQ document. Commercial envelopes of technically qualified bidders shall be opened accordingly with intimation to technically qualified bidders. The offer of the agency should be commercially clear including acceptance of all terms and conditions of this Quotation by the agency. IISER Pune reserves the right to accept or reject the quotation/s without assigning any reasons.

- 5) Technical Bid will be opened on the same day at 3.30 PM in the presence of agency or their authorized representatives, if any. Quotations submitted with any conditions shall be treated as conditional quotations and shall be summarily be rejected by IISER PUNE.
- 6) Quoted rates should be inclusive of cost of all the materials, labour cost , GST ,all taxes, octroi , duties , cost of sample and fees towards testing of materials in labs ,royalties etc. complete. Nothing extra shall be paid separately. No, Bidder shall contact the IISER, Pune on any matter relating to his bid from the time of the bid opening to the time of issue of work order. Any effort by the Bidder to influence the IISER's bid evaluation, bid comparison or contract award decisions, may result in the rejection of his bid.
- 7) All approved makes shall be as specified in BOQ and as per CPWD specifications , agency should put-up technical data and obtain prior approval on makes of various materials of IISER PUNE before taking-up work. The successful agency shall make his own arrangement for all Tools & tackles for work etc complete in view of completion of work. Electricity shall be provided free of cost to agency at one source, agency should make own arrangement to safely tap of power from source to work location. Any scaffolding required shall be brought by contractor to complete the work with no cost to IISER Pune.
No advance payment shall be made by IISER Pune. Quoted rates should be including GST , TDS and other applicable taxes . Income Tax and labour cess will be deducted from the bills of the work.
- 8) Specification for the work to be carried out as per BOQ, latest CPWD specification, IS specifications & as per instruction of IISER PUNE whenever specification CPWD/ IS specification are not available.
- 9) The contractor shall ensure that minimum wages should be paid to the labours and employees in accordance with labour laws. All the safety measured shall be followed by the L1 agency as per prescribed norms during execution of work with all the necessary safety tools etc. Executing Agency shall sole techno-commercially responsible for the strict adherence of safety norms and allied compensations etc.
- 10) Agency shall submit measurements and abstract sheets to IISER PUNE for the payments within 30 days from completion of work.
- 11) Agency shall maintain and submit a copy of workman compensation policy, ESIC, PF and insurance of deployed labour before starting of work.

Akulkarni

EXECUTIVE ENGINEER

Encl : - Schedule of Quantity (BOQ) – As per Annexure A

Sign & stamp of Agency-



ANNEX-A

NAME OF WORK : ANNUAL CONTRACT FOR CLEANING OF U G SUMP , STP, OVERHEAD WATER TANKS AND TERRACE CLEANING AT IISER PUNE (2019-20)

Sr No	Location	Description	Tank Capacity in Litres	Quantity	Unit	Rate	Amount
A	IISER Pune	<p>Cleaning of Cold water storage tanks of RCC/PVC/Plastic/Under Ground Sump/Over head tanks/Stainless steel tanks of any capacity as listed below. All internal and external sides of water tanks shall be properly cleaned , internal walls of water tank Bottom , Side walls ,internal openings , partition walls , bottom of top slab , haunch surfaces etc. shall be cleaned with Pressure Jet. Cleaning operation shall involve 1. Dewatering of water tanks up to 100-150mm water table in tanks , agency shall bring own arrangement for dewatering pump , suitable piping till nearest drain etc. as instructed by Engineer In-charge. 2. Cleaning and removal of algae from bottom , side walls , partitions , internal openings etc. with high pressure jet machine of pressure 75-100bars without damaging tank surface and waterproofing etc. 3. Dewatering of water containing wall wash sludge / algae etc. by dewatering pump with suitable piping till nearest drain etc. as instructed by Engineer In-charge. 4. Internal walls , partitions , cover slab bottom etc. shall be cleaned with mechanical soft scrubber with cleaning detergent suitable for tank cleaning operations. 5. Final cleaning of Tank with water. 6. The remaining sludge should then to be removed by sludge pumps, the dirt silt and other foreign material should further be removed by Industrial Vacuum Cleaners to make the floor totally dirt free, application/spraying of Anti Bacterial chemicals to ensure total sterilization of tank from the inside, inside of the tank should be treated with specially developed 4 ft"long ultraviolet Radiator to kill further floating bacteria/virus in order to make the tank totally clean, bacteria free and safe</p>					



	<p>for storage of drinking water. All the operations should be executed by trained workers and technicians, properly dressed along with gum boots, safety harness to work as per the direction of Engineer in charge.</p> <p>Agency shall bring suitable fittings to connect cleanout pipe and suitable length pipe using cleanout facility if available and operational without damaging water tank. Nothing extra shall be paid separately. Agency shall be responsible for complete cleaning, suction, disposal activity and thereafter. Any damages to water tank during cleaning operation shall be repaired by the agency with no cost to IISER Pune. Agency shall ensure and implement safe working conditions for his laborers during execution , all necessary safety measures and harness shall be used before taking-up work. Suitable lighting and ventilation should be provided by the Agency before cleaning of covered tanks. Agency shall be solitary responsible for the lapses in the safety during the work and allied compensations. Nothing extra shall be paid separately, etc. complete as per direction of Engineer In-charge, IISER PUNE. Cleaning Cycle shall be as per the schedule issued by IISER Pune. Quoted rates shall be including GST.</p>				
1	Overhead Sintex	500.00	95.00	Each	
2	Overhead Sintex	1,000.00	6.00	Each	
3	UG Sump	60,000.00	1.00	Each	



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4		Well water sump	100,000.00	1.00	Each	
5		Fire-1 Sump	59,000.00	1.00	Each	
6	Residential U G Sump	Fire-2 Sump	59,000.00	1.00	Each	
7		Domestic Sump	150,000.00	1.00	Each	
8		Drinking Sump	175,000.00	1.00	Each	
9	Hostel-1	Staircase no-1 Overhead Tank	18,000.00	1.00	Each	
10		Staircase no-2 Overhead Tank	18,000.00	1.00	Each	



11		Staircase no-3 Overhead Tank	18,000.00	1.00	Each		
12		Staircase no-4 Overhead Tank	18,000.00	1.00	Each		
13		Staircase no-1 Overhead Tank	18,000.00	1.00	Each		
14		Staircase no-2 Overhead Tank	18,000.00	1.00	Each		
15	Hostel-2	Staircase no-3 Overhead Tank	18,000.00	1.00	Each		
16		Staircase no-4 Overhead Tank	18,000.00	1.00	Each		
17	Mendeleeev	Sintex	500.00	1.00	Each		



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18									
19		Sintex	1,000.00	1.00	Each				
20		Sintex	2,000.00	1.00	Each				
20	Earth Science office	Sintex	1,000.00	1.00	Each				
21	H cross	Sintex	1,000.00	6.00	Each				
22	G1	Sintex	2,000.00	4.00	Each				
23		Fire Sump	10,000.00	1.00	Each				
24	Lecture Hall	Over head	10,000.00	1.00	Each				



25			Over Head	10,000.00	1.00	Each	
26			Fire Sump	40,000.00	1.00	Each	
27			Domestic Sump-1	40,000.00	1.00	Each	
28		Service block-1	Drinking Sump	40,000.00	1.00	Each	
29			Domestic Sump-2	40,000.00	1.00	Each	
30			Over head	25,000.00	3.00	Each	
31		Dining Block	over Head	25,000.00	3.00	Each	



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32									
33	Faculty-A	Over head	25,000.00	4.00	Each				
34		Over Head	25,000.00	3.00	Each				
35	Faculty-B	Over head	25,000.00	4.00	Each				
36		Over Head	25,000.00	3.00	Each				
37	Main Building	Sintex	5,000.00	14.00	Each				
38	Director Bung.	Sintex	3,000.00	3.00	Each				
		Overhead Tank	5,000.00	1.00	Each				



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39		Sintex	500.00	1.00	Each	
40		Staircase no-1 Overhead Tank	6,000.00	1.00	Each	
41		Staircase no-2 Overhead Tank	6,000.00	1.00	Each	
42	Admin D Bldg.	Fire Overhead Tank	30,000.00	1.00	Each	
43		Overhead Tank-3	6,000.00	1.00	Each	
44		Overhead Tank-4	6,000.00	1.00	Each	
45	Animal House	Overhead Fire tank	30,000.00	1.00	Each	



46		Overhead Use tank	15,000.00	1.00	Each	
47		Overhead Flush Tank	10,000.00	1.00	Each	
48	Field Plot	Sintex	2,000.00	1.00	Each	
49		Staircase no-1 Overhead Tank	18,000.00	1.00	Each	
50		Staircase no-2 Overhead Tank	18,000.00	1.00	Each	
51	Hostel-3	Staircase no-3 Overhead Tank	18,000.00	1.00	Each	
52		Staircase no-4 Overhead Tank	18,000.00	1.00	Each	



53	Cipla	Sintex	5,000.00	1.00	Each
TOTAL AMOUNT FOR ONE CLEANING CYCLE OF WATER TANKS I/C GST (A)					
B		Cleaning of STP			
B	IISER Pune	<p>Cleaning of 0.8 MLD capacity Sewage Treatment Plant Tanks and disposal of sludge outside IISER PUNE Campus. Agency shall be responsible safe disposal of sludge in accordance with Corporations norms. Quoted rate shall be including dealing with PMC office , obtaining necessary permissions etc. complete. Nothing extra shall be paid separately. Agency shall be responsible for complete cleaning, suction, disposal activity and thereafter. Agency shall ensure and implement safe working conditions for his labourers during execution , all necessary safety measures and harness shall be used before taking-up work. Suitable lighting and ventilation should be provided by the Agency before cleaning of covered tanks. Agency shall be solitary responsible for the lapses in the safety during work and allied compensations. Nothing extra shall be paid separately, etc. complete as per direction of Engineer In-charge, IISER PUNE. Cleaning activity shall be started with emptying tanks by Sludge Suction Tanker , brushing of RCC walls with Nylon brush , use of appropriate cleaning solution , cleaning detergent with water to ensure no fungus or algae remains on walls. Work shall be taken-up as per sequential manner as per schedule given by STP AMC agency. Quoted rate shall be cleaning of walls, base , roof , corners , funnels , removal of media etc. complete. Cleaning Cycle shall be as per the schedule issued by IISER Pune. Quoted rates shall be including GST.</p>			
1		Grit Chamber	2,000.00	1.00	each



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2	Bar Screen Chamber	500.00	1.00	each	
3	Aeriation Tank/Equalization Tank	360,000.00	1.00	each	
4	Secondary Settling Tank	160,000.00	1.00	each	
5	Clarified Water Tank	100,000.00	1.00	each	
6	Final Treated Water Tank	230,000.00	1.00	each	
7	Disposal of sludge by Sludge Suction Pump and Tanker of Tanker Capacity 2500 Liters with disposal as per corporation norms.		40.00	trips	
TOTAL AMOUNT FOR ONE CLEANING CYCLE OF STP I/C GST (B)					

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C	PRE-MONSOON CLEANING TERRACES AND ROOFS AT ISER PUNE					
	<p>Cleaning of roofs and terraces of all buildings in campus between May to June or as directed by Engineer In-charge , agency shall be safely dispose of debris within campus at approved location . Quoted rate shall be including cost of labour, material , cleaning equipment's , brooms, sweepers , collection and disposal of debris on approved dumping ground etc complete. Nothing extra shall be paid separately. Agency shall ensure and implement safe working conditions for his labourers during execution , all necessary safety measures and harness shall be used before taking-up work. Cleaning activity to ensure there shall be obstruction free storm water flow towards storm water drain down takes. All pre-coated sheet roofings , GI gutters shall be cleaned properly ensuring proper water way to storm water disposal. Cleaning Cycle shall be as per the schedule issued by ISER Pune.</p>					
1	Main Building		1	each		
2	Lecture Theatre		1	each		
3	Mendeleev		1	each		
4	H Cross		1	each		
5	G1		1	each		
6	Animal House		1	each		



7	Hall of Residence	1	each	
8	Director Bungalow	1	each	
9	Faculty Building-A	1	each	
10	Faculty Building-B	1	each	
11	Admin Building-D	1	each	
12	Hostel-1	1	each	
13	Hostel-2	1	each	
14	Hostel-3	1	each	
15	Dining Block	1	each	
PREMONSOON CLEANING TERRACES AND ROOFS I/C GST (C)				



D	CLEANING OF WELL							
	Cleaning of well premises and floating material , leaves , wooden stocks etc visible and floating shall be cleaned by necessary tool , safety harness etc complete. Agency shall ensure and implement safe working conditions for his labourers during execution , all necessary safety measures and harness shall be used before taking-up work.							
	Well-1	1	each					
	Well-2	1	each					
	CLEANING OF WELL i/c GST (D)							



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CLEANING SCHEDULE				
		X	Y	X * Y
P	TOTAL AMOUNT FOR ONE CLEANING CYCLE OF WATER TANKS I/C GST (A) X 3 (THREE) TIMES PER YEAR	3		
Q	TOTAL AMOUNT FOR ONE CLEANING CYCLE OF STP I/C GST (B) X 1 (ONE) TIME PER YEAR	1		
R	PRE-MONSOON CLEANING TERRACES AND ROOFS I/C GST (C) X 1 (ONE) TIME PER YEAR	1		
S	CLEANING OF WELL I/C GST (D) X 3 (THREE) TIME PER YEAR	3		
GRAND TOTAL (P+Q+R+S)				

Akulkarni
EXECUTIVE ENGINEER

